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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/675,462	09/30/2003	Andrew Jarabek	102831/00111	5556
27220	7590	09/14/2010		
BLAKE, CASSELS & GRAYDON, LLP			EXAMINER	
45 O'CONNOR ST., 20TH FLOOR			HAN, CLEMENCE S	
OTTAWA, ON K1P 1A4				
CANADA			ART UNIT	PAPER NUMBER
			2464	
			NOTIFICATION DATE	DELIVERY MODE
			09/14/2010	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

karen.forgie@blakes.com

Office Action Summary	Application No.	Applicant(s)	
	10/675,462	JARABEK ET AL.	
	Examiner	Art Unit	
	CLEMENCE HAN	2464	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 24 June 2010.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 2-8,12-14,17-19,21,22 and 24-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 2-8,12-14,17-19,21,22 and 24-27 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ . |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ . | 6) <input type="checkbox"/> Other: _____ . |

DETAILED ACTION

Claim Objections

1. Claim 13 is objected to because of the following informalities: "a connection memory" in line 2 should be replaced with "the connection memory", see claim 7 line 7. Appropriate correction is required.
2. Claim 21 is objected to because of the following informalities: "a connection memory" in line 2 should be replaced with "the connection memory", see claim 18 line 10. Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
4. Claims 2-8, 12-14, 17-19, 21, 22 and 24-27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
5. Claims 2-6 and 8 recite the limitation "the control bit". There is insufficient antecedent basis for this limitation in the claim. There are two preceding control bits, a control bit in claim 7 line 2 and a second control bit in claim 7 line 8.
6. Regarding claim 7, the phrase "checking a state of a control bit" in line 2 renders the claim indefinite because it is unclear where the control bit is from. It is unclear whether the control bit is in the switch or the control bit is a part of the connection entry to be switched. It is also unclear where the second control in line 8 is from.

7. Claims 17 and 19 recite the limitation "the control bit". There is insufficient antecedent basis for this limitation in the claim. There are two preceding control bits, a control bit in claim 18 line 4 and a second control bit in claim 18 line 11.

8. Regarding claim 18, the phrase "check a state of a control bit" in line 4 renders the claim indefinite because it is unclear where the control bit is from. It is unclear whether the control bit is in the switch or the control bit is a part of the connection entry to be switched. It is also unclear where the second control in line 11 is from.

9. Claim 24 recites the limitation "the control bit" in line 11. There is insufficient antecedent basis for this limitation in the claim. There are two preceding control bits, a control bit in line 2 and a second control bit in line 8.

10. Claims 25 and 26 recite the limitation "the control bit". There is insufficient antecedent basis for this limitation in the claim. There are two preceding control bits, a control bit in claim 24 line 2 and a second control bit in claim 24 line 8.

Allowable Subject Matter

11. Claims 7, 18 and 24 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

12. Claims 2-6, 8, 12-14, 17, 19, 21, 22 and 25-27 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Response to Arguments

13. Applicant's arguments with respect to claims 2-8, 12-14, 17-19, 21, 22 and 24-27 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CLEMENCE HAN whose telephone number is (571) 272-3158. The examiner can normally be reached on Monday-Friday 8-4.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ricky Ngo/
Supervisory Patent Examiner, Art Unit 2464

/C. H./
Examiner, Art Unit 2464